AMENDMENTS TO THE CLAIMS

Please cancel claims 1-13 and add claims 14-23 as indicated below. A complete listing of claims pending in the application following entry of this Amendment are presented as follows:

1-13. (Cancelled)

- 14. (New) A vending machine, comprising:
- a plurality of storing means each capable of storing a plurality of commodities in an upright state;
- a taking-out position for a commodity being provided with each of the plurality of storing means;

gripping means capable of gripping the commodity as remaining in an upright state;
moving means capable of moving the gripping means up and down, left and right, and
back and forth; and

a carrying-out position for the commodity being provided in the vending machine;

wherein each of the plurality of storing means has an inclined bottom surface for sliding the commodities as remaining in the upright state to the taking-out position, left and right guide portions for controlling a sliding direction of the commodities, and a stopper portion for stopping the commodities and locating one of the commodities at the taking-out position,

whereby the vending machine performs a carrying-out of the commodity by gripping and taking out the commodity located at the taking-out position of a predetermined storing means by the gripping means, moving the gripping means to the carrying-out position, and releasing the gripping of the commodity by the gripping means at the carrying-out position.

- 15. (New) The vending machine according to claim 14, wherein the inclined bottom surface includes a plurality of rollers lined up in parallel back and forth.
- 16. (New) The vending machine according to claim 14, wherein the left and right guide portions are provided with a left and right interval so that the commodities line up almost in a line toward the taking-out position.

- 17. (New) The vending machine according to claim 14, wherein the gripping means comprises at least a pair of left and right fingers for gripping the commodity, and a finger drive mechanism for open-and-close driving the fingers.
- 18. (New) The vending machine according to claim 17, wherein the drive mechanism includes a left finger drive mechanism and a right finger drive mechanism.
- 19. (New) The vending machine according to claim 17, wherein the gripping means comprises a bearing member for supporting the under surface of the commodity held by the fingers, and a bearing member drive mechanism for moving the bearing member back and forth.
- 20. (New) The vending machine according to claim 14, wherein the moving means comprises an up-and-down slider capable of moving up and down, an up-and-down slider drive mechanism for moving the up-and-down slider, a left-and-right slider provided on the up-and-down slider and capable of moving left and right, a left-and-right slider drive mechanism for moving the left-and-right slider left and right, a back-and-forth slider provided on the left-and-right slider and capable of moving back and forth, and a back-and-forth drive mechanism for moving the back-and-forth slider back and forth.
- 21. (New) The vending machine according to claim 14, further comprising:

imaging means provided on the gripping means for imaging the commodity located at the taking-out position and obtaining an image data, and

position correction means for performing a positioning of the gripping means before gripping the commodity located at the taking-out position based on the image data obtained by the imaging means.

- 22. (New) The vending machine according to claim 21, wherein the position correction means includes means for processing the image data obtained by the imaging means and recognizing back-and-forth and left-and-right positions of the commodity located at the taking-out position.
- 23. (New) The vending machine according to claim 21, further comprising:

presence or absence discriminating means for discriminating the presence or absence of the commodity located at the taking-out position based on the image data obtained by the imaging means, and

indication means for displaying an out-of-stock indication when the commodity is out of stock.